

Title (en)  
HEAT EXCHANGE APPARATUS FOR CAST MASSES

Publication  
**EP 0220398 A3 19891108 (DE)**

Application  
**EP 86110837 A 19860805**

Priority  
DE 3528426 A 19850808

Abstract (en)  
[origin: US4724754A] Apparatus for tempering or boiling of compositions for making molded confections, e.g., hard sugar compositions, soft sugar compositions and gelatine moulding compositions, etc., in a continuously operating production plant, involving a short length of stay of the composition, while at the same time effecting an optimum dissolution of the constituents thereof. A container, located between a composition supply duct and a composition removal duct, has several guide metal sheets spaced over the height of the container, with at least one flow opening for the compositions to be processed. At least one flow element is arranged in the axial direction of the container. The flow elements open out at their upper end and lower end into a chamber. A hot medium is passed through the flow elements, which heats the composition or the moulding composition.

IPC 1-7  
**A23G 3/04**; **A23G 3/02**

IPC 8 full level  
**A23G 3/02** (2006.01); **A23G 3/04** (2006.01); **F28D 7/16** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP US)  
**A23G 3/0215** (2013.01 - EP US); **A23G 3/0226** (2013.01 - EP US); **A23G 3/04** (2013.01 - EP US); **F28D 7/16** (2013.01 - EP US); **F28F 9/22** (2013.01 - EP US); **F28F 2009/226** (2013.01 - EP US)

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Designated contracting state (EPC)  
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**DE 3528426 A1 19870219**; **DE 3528426 C2 19881027**; EP 0220398 A2 19870506; EP 0220398 A3 19891108; NL 8503160 A 19870302; US 4724754 A 19880216

DOCDB simple family (application)  
**DE 3528426 A 19850808**; EP 86110837 A 19860805; NL 8503160 A 19851115; US 89425286 A 19860807